Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 15 Jan 2023 until 23:59 on Monday 16 Jan 2023

Forecast Issued on Sunday 15 Jan 2023 at 00:23

Confidence: High confidence for a wintry, cold spell of weather with snow showers, overnight frosts and sometimes significant wind chill. Lower confidence for timing of areas of showers Monday and Wednesday and arrival of milder conditions Thursday.

Headline for Sunday 15 Jan 2023: Early snow will clear south, then bright and dry for much of the day, with winds easing.

Mountain weather hazards on Sunday 15 Jan 2023

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Heavy snow
Precipitation probability					
80%	30%	10%	10%	10%	30%

Forecast for Sunday 15 Jan 2023

Weather: Overnight rain and hill snow will quickly clear south after dawn, with strong winds easing, then dry and bright or sunny conditions. Cloud increasing during the afternoon with snow likely later this evening and overnight into Monday.

Chance of cloud-free hill tops above 600m: 30% improving to 90%

Low Cloud and visibility: For the early part of the day overcast layers of cloud above 300m can be expected but cloud will thin and lift in the morning with mostly clear tops from lunchtime. Visibility will be very poor in the early morning but becoming excellent by lunchtime with far reaching views likely. Conditions deteriorating again during the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 15 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 W	17/25 W	15/22 W	12/18 W	8/11 SW	7/10 S	8/11 SE
300	15/32 NW	12/27 NW	12/24 W	8/18 W	3/8 S	4/8 SE	5/11 SE
Valley	11/26 NW	5/17 NW	8/18 W	6/15 W	3/5 NW	5/10 SE	5/11 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	-0/-7	-0/-6	-0/-6	-1/-5	-1/-5	-2/-6
300	2/-3	2/-3	3/-2	2/-1	0/-2	0/-2	-0/-3
Valley	4/-0	2/0	5/2	4/2	2/1	1/-2	1/-2
Freezing Level*	600m	500m	500m	400m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extreme wintry conditions early in the day on Sunday but with winds easing during the morning an improvement is expected. Bitterly cold in the strong winds and even as winds ease notice freezing level falling towards the surface with any precipitation likely to be sleet or snow. Higher roads may become impassable overnight.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 15 Jan 2023	11.6mm	19mm	32.6mm

Forecast for Monday 16 Jan 2023

Weather: Wintry showers at first, with snow falling on the hills, but becoming drier and brighter with sunny spells from mid-morning. Remaining very cold with a considerable wind chill. Temperature quickly falling after sunset.

Maximum wind: North-westerly 15mph gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 40% becoming 90%

Low Cloud and visibility: Cloud base 400-600m in association with showers during the morning, but quickly dissipating as showers clear the area, with clear skies for most of the day. Visibility very good generally, but very poor in snow showers.

Temperature: **Valleys:** Minus 2 rising to plus 1 Celsius
At 600m: Minus 5 Celsius
Freezing level: Near the surface

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